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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
 10/735,492	12/12/2003	Jorg Tillack	Mo6964C/LeA 35,192C	1888
157 75	90 01/31/2006		EXAMINER	
BAYER MATERIAL SCIENCE LLC			SHIAO, REI TSANG	
100 BAYER ROAD PITTSBURGH, PA 15205			ART UNIT	PAPER NUMBER
ŕ			1626	
			DATE MAILED: 01/31/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

25		Application No.	Applicant(s)				
		10/735,492	TILLACK ET AL.				
	Office Action Summary	Examiner	Art Unit				
		Robert Shiao	1626				
Period fo	The MAILING DATE of this communication app or Reply	ears on the cover sheet with the c	orrespondence address				
A SH WHI(- Exte after - If NO - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DANSIONS of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. Operiod for reply is specified above, the maximum statutory period were to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONED	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).				
Status							
1)⊠	1) Responsive to communication(s) filed on application filed on 12/12/2003.						
2a)□	This action is FINAL . 2b)⊠ This	action is non-final.					
3)□	3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits						
	closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	3 O.G. 213.				
Disposit	ion of Claims						
5)□ 6)⊠ 7)□	4) Claim(s) 1-29 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-29 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.						
Applicat	ion Papers						
10)	The specification is objected to by the Examine The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction of the oath or declaration is objected to by the Examine	epted or b) objected to by the Eddrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).				
Priority (ınder 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 10/180,831. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.							
Attachmen	t(s)						
2) D Notic 3) D Inforr	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) r No(s)/Mail Date 12/12/03.	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:					

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DETAILED ACTION

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1. This application claims priority of the foreign application:

Germany 10130882.5 with a filing date 06/27/2001.

2. Claims 1-29 are pending in the application.

Double Patenting

3. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970);and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

4. Claims 1-29 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 and 6-7 of Langer et al. US 6,156,919. Although the conflicting claims are not identical, they are not patentably distinct from each other and reasons are as follows.

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Applicants claim a process of making alphatic oligocarbonate diol comprising three steps: a) reacting an aliphatic diol with dimethyl carbonate at an elevated pressure, i.e., in the presence of catalyst; b) removing methanol and unreacted dimethyl carbonate at a pressure of from 1 bar to an elevated pressure; and c) after the reaction of aliphatic diol and dimethyl carbonate is complete, removing any remaining methanol and any unreacted dimethyl carbonate at a pressure of less than 1 bar, see claims 1-2. The instant processes have been found on pages 5-20 of the specification.

Langer et al. claim a process of making alphatic oligocarbonate diol comprising two steps: a) reacting an aliphatic diol with dimethyl carbonate in the presence of catalyst; and b) removing methanol and dimethyl carbonate, and processes are operated between 0.8 to 8 bar. A number of examples have been specifically exemplified, see examples Example 7-9 in columns 7-8; and claims 1 and 6-7 of columns 9-10.

The difference between instant claims and Langer et al. is that instant processes are operated at a pressure between less than 1 bar and an elevated pressure, while Langer et al. processes are operated at a pressure between 0.8 and 8 bar.

One having ordinary skill in the art would find the claims 1-29 prima facie

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obvious because one would be motivated to employ the processes of Langer et al. to obtain instant claimed processes, wherein aliphatic diol reacts with dimethyl carbonate, i.e., in the presence of catalyst, and methanol and unreacted dimethyl carbonate are removed at a pressure between less than 1 bar and an elevated pressure, i.e., a pressure between 0.8 and 8 bar.

The motivation to make the claimed processes derives from the expectation that the instant claimed processes derived from known Langer et al. processes would possess similar yields to that which is claimed in the reference.

Objection

5. Claim 1, line 5, recites the term "from I bar", is objected. Replacement of the term "from I bar" with the term "from 1 bar", would obviate the objection.

Telephone Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert Shiao whose telephone number is (571) 272-0707. The examiner can normally be reached on 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph K. McKane can be reached on (571) 272-0699. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information

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for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Joseph K. McKane

Supervisory Patent Examiner

Art Unit 1626

Robert Shiao, Ph.D. Patent Examiner Art Unit 1626

January 11, 2006